

Docket No. 221519US  
IN RE APPLICATION OF: GENEN HEMANO, et al.  
SERIAL NO: 10/089,057  
FILED: April 3, 2002  
FOR: GENES FOR HEAT RESISTANT ENZYMES OF AMINO ACID BIOSYNTHETIC PATHWAY DERIVED FROM THERMOPHILIC CORYNEFORM BACTERIA

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

"RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1645" AF JMW



Corres. and Mail  
**BOX AF**

SIR:

Transmitted herewith is an Amendment and Request for Reconsideration in the above-identified application.

- No additional fee is required  
 Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.  
 Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	15	MINUS	80	0	x \$50 =	\$0.00
INDEPENDENT	3	MINUS	35	0	x \$200 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
						\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
						\$0.00
						TOTAL
						\$0.00

- A check in the amount of \$0.00 is attached.  
 Credit card payment form is attached to cover the fees in the amount of \$0.00  
 Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.  
 If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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U.S. PATENT & TRADEMARK OFFICE  
DOCKET NO. 221519US0PCT

"RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1645"

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Corres. and Mail

IN RE APPLICATION OF

:

SEIKO HIRANO, ET AL.

: EXAMINER: NAVARRO, A. M.

SERIAL NO: 10/089,057

:

FILED: APRIL 3, 2002

: GROUP ART UNIT: 1645

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PATHWAY DERIVED FROM THERMOPHILIC CORYNEFORM BACTERIA

**BOX AF**

AMENDMENT AND REQUEST FOR RECONSIDERATION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated January 11, 2005, reconsideration is respectfully requested in view of the following amendments and remarks:

**Amendments to the Claims** begin on page 2 of this response.

**Support for the Amendments** begin on page 5 of this response.

**Remarks** begin on page 6 of this response.